

DESCRIPTION OF *RHAPHAULUS PERAKENSIS*, N.SP., WITH A
LIST OF THE KNOWN SPECIES OF THE GENUS.

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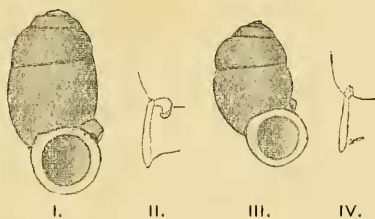
Read 12th November, 1897.

THE species about to be described formed part of a series of land and fresh-water shells from the Malay Peninsula sent to the British Museum (Natural History) by Mr. L. Ray, jun., the Curator of the Perak Museum. Most of the specimens were in poor condition, but several represented species new to the national collection.

RHAPHAULUS PERAKENSIS, n.sp.

Testa pupoidea, anguste umbilicata, fusco-purpurea, costulato-striata; spira superne conoidea, ad apicem obtusa; anfractus 6, convexi, penultimus gibbosus, ultimus minus convexus, pone oblique valde descendens; apertura intus purpureo-fusca; peristoma album, incrassatum, anguste expansum et reflexum; tubulus albus, a sutura pone labrum deorsum curvatus. Long. 18·5, diam. 9 mm.; apertura intus 5 mm. lata.

Hab.—Maxwell's Hill, Larut, Perak.



I, II. *Rhabdaulus Perakensis*, n.sp.
III, IV. ——— *Lorraini*, Pfr.

This species is very closely allied to *R. Lorraini* of Pfeiffer, from Penang, but differs in the following respects:—

It is larger, and the body-whorl is rather longer and more obliquely descending behind. The chief difference, however, consists in the sutural tube being curved, longer, and directed downwards and away from the peristome, whereas in *R. Lorraini* it is shorter and directed upwards above the suture. At first I was inclined to think that possibly it might have been broken off short by accident, but a careful examination under the microscope seems to show that such is not the case. The peristome in both species, under a high power, has a very pretty appearance, being marked with minute wrinkled striæ.

LIST OF THE KNOWN SPECIES.

1. RHAPHAULUS BOMBYCINUS (Pfeiffer).

Anaulus bombycinus, Pfeiffer: Proc. Zool. Soc., 1855, p. 105, pl. xxxii, fig. 10.

Rhaphaulus bombycinus, Pfeiffer: Mon. Pneumon., vol. ii, p. 91; vol. iv, p. 142; Sowerby, Conch. Icon., vol. xx, *Pupinidæ*, pl. x, fig. 93 (*bombazinus*!).

Hab.—Sarawak, Borneo.

2. RHAPHAULUS PFEIFFERI, Issel.

Rhaphaulus Pfeifferi, Issel: Ann. Mus. Civic. Stor. nat. Genova, 1874, vol. vi, p. 443, pl. vii, figs. 4–6; Pfeiffer, Mon. Pneumon., vol. iv, p. 142.

Hab.—Sarawak.

This species appears to be Pfeiffer's var. β of *R. bombycinus* and Sowerby's *R. similis* (Conch. Icon., vol. xx, pl. x, fig. 94, of *Pupinidæ*). It will probably eventually prove to be merely a short, small form of *R. bombycinus*.

3. RHAPHAULUS KUEKENTHALI, Kobelt.

Rhaphaulus Kueckenthali, Kobelt: Nachrichtsbl. Deutsch. Malak. Gesell., 1897, pp. 27, 140; Abhandl. Senck. naturf. Ges., vol. xxiv, p. 37, pl. iv, fig. 8.

Hab.—Baram, North Borneo.

4. RHAPHAULUS LORRAINI (Pfeiffer).

Anaulus Lorraini, Pfeiffer: Proc. Zool. Soc., 1856, p. 36.

Rhaphaulus Lorraini, Pfeiffer: Mon. Pneumon., vol. ii, p. 91, vol. iv, p. 143; Sowerby, Conch. Icon., vol. xx, *Pupinidæ*, pl. x, fig. 96.

Hab.—The island of Penang (Pfeiffer).

5. RHAPHAULUS PERAKENSIS, n.sp.

Hab.—Perak.

6. RHAPHAULUS PACHYSIPHON, Theobald & Stoliczka.

Rhaphaulus pachysiphon, Theob. & Stol.: Pfeiffer, Mon. Pneumon., vol. iv, pp. 143, 411; Godwin-Austen, Land and Fresh-water Moll. India, vol. i, p. 200, pl. xlvii, figs. 3, 3a.

Hab.—Moulmain.

7. RHAPHAULUS ASSAMICA, Godwin-Austen.

Rhaphaulus Assamica, Godwin-Austen: Land and Fresh-water Moll. India, vol. i, p. 201, pl. xlvii, figs. 2–2b.

Hab.—Brahmakhund, Assam.

8. RHAPHAULUS CHRYSALIS (Pfeiffer).

Megalomastoma chrysalis, Pfeiffer: Mon. Pneumon., vol. i, p. 131; vol. ii, p. 92; vol. iii, p. 89; and vol. iv, pp. 143, 411, as *Rhaphaulus*.

Rhaphaulus chrysalis, Pfr.: Godwin-Austen, Land and Fresh-water Moll. India, p. 200, pl. xlvii, figs. 1, 1a; Sowerby, Conch. Icon., vol. xx, *Pupinidæ*, pl. x, fig. 95.

Hab.—Ava, Tenasserim (Pfeiffer); near Moulmain (Stoliczka).

9. RHAPHAULUS BLANFORDI (Benson).

Streptaulus Blanfordi, Benson: Pfeiffer, Mon. Pneumon., vol. ii, p. 92; vol. iii, p. 90; vol. iv, pp. 144, 411.

Rhaphaulus Blanfordi, Benson: Godwin-Austen, Land and Fresh-water Moll. India, p. 202, pl. xlvii, figs. 4-4c; Sowerby, Conch. Icon., vol. xx, *Pupinidæ*, pl. x, figs. 97a-b.

The genus *Streptaulus*, founded by Benson upon this species, has been shown by Godwin-Austen (l.c. supra) to be inseparable from *Rhaphaulus*,¹ a decision in which I am inclined to concur.

¹ A list of the known species is given by Kobelt and Möllendorff in the *Nachrichtsblatt Deutsch. malak. Gesell.*, 1897, p. 140. *R. similis* of Sowerby appears to have escaped their notice.